RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: Source:

Date Processed by STIC:

ENTERED



IFW16

DATE: 06/01/2005 RAW SEQUENCE LISTING TIME: 07:29:00 PATENT APPLICATION: US/09/786,635D

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06012005\1786635D.raw

3 <110> APPLICANT: Bayer AG 5 <120> TITLE OF INVENTION: ATP binding cassette genes and proteins for diagnosis and treatment of lipid disorders and inflammatory diseases 8 <130> FILE REFERENCE: LeA 33298 10 <140> CURRENT APPLICATION NUMBER: US/09/786,635D 11 <141> CURRENT FILING DATE: 2001-05-22 13 <150> PRIOR APPLICATION NUMBER: 101706 14 <151> PRIOR FILING DATE: 1998-09-25 16 <160> NUMBER OF SEQ ID NOS: 55 18 <170> SOFTWARE: PatentIn version 3.1 20 <210> SEQ ID NO: 1 21 <211> LENGTH: 6880 22 <212> TYPE: DNA 23 <213> ORGANISM: Homo sapiens 25 <400> SEQUENCE: 1 26 caaacatgtc agctgttact ggaagtggcc tggcctctat ttatcttcct gatcctgatc 60 28 tetgttegge tgagetaece accetatgaa caacatgaat gecattttee aaataaagee 120 30 atgecetetg caggaacaet teettgggtt caggggatta tetgtaatge caacaacece 180 32 tgtttccgtt acccgactcc tggggaggct cccggagttg ttggaaactt taacaaatcc 240 34 attgtggete geetgttete agatgetegg aggettettt tatacageea gaaagacace 300 36 agcatgaagg acatgegeaa agttetgaga acattacage agateaagaa atecagetea 360 38 aacttgaagc ttcaagattt cctggtggac aatgaaacct tctctgggtt cctgtatcac 420 40 aacetetete teecaaagte taetgtggae aagatgetga gggetgatgt catteteeae 480 42 aaggtatttt tgcaaggcta ccagttacat ttgacaagtc tgtgcaatgg atcaaaatca 540 44 gaagagatga ttcaacttgg tgaccaagaa gtttctgagc tttgtggcct accaagggag 600 46 aaactggctg cagcagagcg agtacttcgt tccaacatgg acatcctgaa gccaatcctg 660 48 agaacactaa actctacatc teeetteeeg ageaaggage tggeegaage cacaaaaaca 720 780 50 ttgctgcata gtcttgggac tctggcccag gagctgttca gcatgagaag ctggagtgac 52 atgcgacagg aggtgatgtt tetgaccaat gtgaacaget ceageteete cacecaaate 840 54 taccaggctg tgtctcgtat tgtctgcggg catcccgagg gaggggggct gaagatcaag 900 56 teteteaaet ggtatgagga caacaaetae aaageeetet ttggaggeaa tggeaetgag 960 58 gaagatgetg aaacetteta tgacaactet acaacteett actgeaatga tttgatgaag 1020

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Input Set : A:\pto.da.txt

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Input Set : A:\pto.da.txt

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	625					630					635			2		640
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Output Set: N:\CRF4\06012005\1786635D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:31; N Pos. 856,1009,1128,1314,1326,1328,1343,1345,1346,1378,1415,2477

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Seq#:54; N Pos. 856,1009,1128,1314,1326,1328,1343,1345,1346,1378,1415,2477

Seq#:54; N Pos. 2540

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/786,635D TIME: 07:29:01

DATE: 06/01/2005

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06012005\I786635D.raw

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L:2104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:4200

M:341 Repeated in SeqNo=13

L:2769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0

M:341 Repeated in SeqNo=20

L:3002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:1920

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